

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050243545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 09:41
S2	335	(362/192).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:19
S3	728	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:20
S4	22	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:20
S5	38	("3751710"   "3792307"   "3894281"   "3971977"   "4019171"   "4069451"   "4191988"   "4225848"   "4555656"   "4860176"   "4974124"   "5015918"   "5121305"   "5128840"   "5335188"   "5497143"   "5511435").PN. OR ("5584561"   "5590946"   "5690410").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/24 14:24

## EAST Search History

S6	87	( "2083514"   "2088029"   "3029378"   "3377486"   "3751710"   "3792307"   "3894281"   "3971977"   "4019171"   "4069451"   "4191988"   "4225848"   "4227105"   "4298910"   "4555656"   "4636670"   "4648610"   "4725928"   "4763230"   "4775919"   "4796972"   "4860176"   "4901209"   "4974124"   "5015918"   "5115159"   "5121305"   "5128840"   "5333101"   "5335188"   "5461269"   "5497143"   "5511435"   "5536074"   "5584561"   "5584562"   "5590946"   "5653523"   "5779344"   "5873600"   "5903224"   "5984487"   "6016022"   "6116763"   "6186635"   "6220733"   "6474832"   "6501199"   "6530683"   "6565242"   "6619823").PN. OR ( "2002/0136020"   "2002/0136021"   "2005/0243545"   "3751710"   "3971977"   "5128840"   "5584561"   "5590946"   "5690410"   "6501199"   "6565242"   "6789925"   "6822357").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/24 14:33
S7	6462	(310/10,40r,66,67r,67a).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S8	1391	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S9	114	(310/73).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:45
S10	455	(340/432).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:47
S11	1	S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:45
S12	8	(S7 or S8) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46

## EAST Search History

S13	9	(S7 or S8) and S9	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46
S14	16	S11 or S12 or S13	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 14:46
S15	0	("009or10").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 14:47
S16	568	S9 or S10	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 15:55
S17	3	((("6975054") or ("4808868") or ("4959573"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 17:41
S18	1391	(340/425.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 18:10
S19	233	(362/245).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:15
S20	1941	(362/800).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:11
S21	47	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:15
S22	728	(362/473-475).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:13
S23	32	S20 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:13
S24	0	S19 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:15

## EAST Search History

S25	206	(362/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/24 19:15
S26	63	(S25 and S20) or (S25 and S22) or (S25 and S23)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:16
S27	59	S26 not (S21 or S23)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/24 19:16
S29	450	(362/192,193).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:22
S30	1093	362/802	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:22
S31	975	(362/802).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:22
S32	2	S29 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S33	835	(362/473-476).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/25 10:23
S34	35	S29 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S35	28	S31 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:23
S36	63	S34 or S35	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:24
S37	4	S36 and ((light or optic) (sensor or sensitive))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2006/08/25 10:53

## EAST Search History

S43	99	(US-20050243545-\$ or US-20030106919-\$ or US-20030140727-\$ or US-20050040304-\$ or US-20050109808-\$).did. or (US-5015918-\$ or US-5264826-\$ or US-4510557-\$ or US-4598923-\$ or US-4607772-\$ or US-4759481-\$ or US-4970630-\$ or US-5197795-\$ or US-5211465-\$ or US-D354147-\$ or US-5436810-\$ or US-5608919-\$ or US-5641220-\$ or US-5828145-\$ or US-5842714-\$ or US-6711966-\$ or US-6926242-\$ or US-7077302-\$ or US-4890037-\$ or US-5188444-\$ or US-5343370-\$ or US-5528475-\$ or US-6078149-\$ or US-6222709-\$ or US-3631441-\$ or US-3628085-\$). did. or (US-3626239-\$ or US-3609681-\$ or US-3634677-\$ or US-3902217-\$ or US-3876975-\$ or US-3829830-\$ or US-3828220-\$ or US-3825797-\$ or US-3810089-\$ or US-3809915-\$ or US-3798500-\$ or US-4024387-\$ or US-4117453-\$ or US-4257036-\$ or US-4263543-\$ or US-4286257-\$ or US-4357558-\$ or US-4376236-\$ or US-4523258-\$ or US-4550305-\$ or US-4583152-\$ or US-4587457-\$ or US-4616224-\$ or US-4620267-\$ or US-4628310-\$ or US-4857754-\$ or US-4862037-\$). did. or (US-4886961-\$ or US-4890038-\$ or US-4899083-\$ or US-4928036-\$ or US-4931767-\$ or US-4934769-\$ or US-4977360-\$ or US-5003288-\$ or US-5068570-\$ or US-5067055-\$ or US-5198727-\$ or US-5204541-\$ or US-5214413-\$ or US-5228766-\$ or US-5229602-\$ or US-5251114-\$ or US-5289352-\$ or US-5295036-\$ or US-5331214-\$ or US-5382876-\$ or US-5382877-\$ or US-5384765-\$ or US-5389754-\$ or US-5410456-\$ or US-5414325-\$ or US-5414335-\$ or US-5420480-\$). did. or (US-5428294-\$ or US-5438313-\$ or US-5448139-\$ or US-5491311-\$ or US-5491383-\$ or US-5499169-\$ or US-5504451-\$ or US-5536975-\$ or US-5568017-\$ or US-5576599-\$ or US-5584559-\$ or US-5589742-\$ or US-5596233-\$ or US-5597232-\$).did.	US-PGPUB; USPAT	ADJ	ON	2006/08/25 14:46
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LIST1.txt

10516513

PLUS Search Results for S/N 10516513 Searched Aug 25, 2006.

The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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CLS1.txt  
Most frequently occurring classifications of patents returned  
from a search Of 10516513 on Aug 25 , 2006

Original Classifications

8	315/82
4	340/471
4	315/83
3	224/420
3	315/77
3	362/466
2	362/473
2	362/539
2	74/551.8
2	248/230.4
2	362/467
2	315/307
2	361/18
2	340/458
2	307/10.8
2	340/425.5

Cross-Reference Classifications

12	307/10.8
9	315/82
9	315/83
7	315/DIG 7
5	362/191
4	362/549
4	315/77
4	315/156
4	315/224
3	340/432
3	340/469
3	362/269
3	315/158
3	362/265
3	315/159
3	362/428
3	307/10.1
3	340/602
2	315/76
2	362/464
2	315/200A
2	340/326
2	340/331
2	340/332
2	340/475
2	340/427
2	362/188
2	362/197
2	224/448
2	224/459
2	224/420
2	362/476
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2	362/467
2	362/524



CLS1.txt

2 362/513  
2 362/293  
2 315/307  
2 315/291  
2 323/282  
2 340/458  
2 340/643  
2 315/79  
2 315/155  
2 315/154  
2 398/112  
2 398/114  
2 315/80  
2 257/E27.015  
2 362/465

Combined Classifications

17 315/82  
14 307/10.8  
13 315/83  
7 315/77  
7 315/DIG 7  
5 362/191  
5 224/420  
4 340/471  
4 362/549  
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2 340/391.1  
2 315/155  
2 200/4  
2 362/286  
2 315/154  
2 340/825.69  
2 398/112  
2 398/114  
2 315/80  
2 257/E27.015  
2 362/465  
2 315/219

Titles of most frequently occurring classifications of patents returned  
from a search of 10516513 on Aug 25 , 2006

- 17 315/82 (8 OR, 9 XR)  
Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
315/76 .SPECIAL APPLICATION  
315/77 ..Vehicle  
315/82 ...Head light systems
- 14 307/10.8 (2 OR, 12 XR)  
Class 307 ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS  
307/9.1 .VEHICLE MOUNTED SYSTEMS  
307/10.1 ..Automobile  
307/10.8 ...Lighting circuits
- 13 315/83 (4 OR, 9 XR)  
Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
315/76 .SPECIAL APPLICATION  
315/77 ..Vehicle  
315/82 ...Head light systems  
315/83 ....Alternate circuit closing
- 7 315/77 (3 OR, 4 XR)  
Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
315/76 .SPECIAL APPLICATION  
315/77 ..Vehicle
- 7 315/DIG 7 (0 OR, 7 XR)  
Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
315/DIG 7 .Starting and control circuits for gas discharge lamp using  
transistors
- 5 362/191 (0 OR, 5 XR)  
Class 362 ILLUMINATION  
362/157 .SELF POWERED LAMP  
362/190 ..With support  
362/191 ...With or comprising mounting means
- 5 224/420 (3 OR, 2 XR)  
Class 224 PACKAGE AND ARTICLE CARRIERS  
224/400 .VEHICLE ATTACHED  
224/412 ..Carrier attached cycle  
224/419 ...Means for mounting carrier to a particular portion of the  
cycle  
224/420 ....Handlebar or stem
- 4 340/471 (4 OR, 0 XR)  
Class 340 COMMUNICATIONS: ELECTRICAL  
340/425.5 .LAND VEHICLE ALARMS OR INDICATORS  
340/468 ..External signal light system  
340/471 ...Hazard warning or distress signalling
- 4 362/549 (0 OR, 4 XR)  
Class 362 ILLUMINATION  
362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
FOR VEHICLE)  
362/549 ..Specific lamp mounting or retaining
- 4 315/158 (1 OR, 3 XR)  
Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
315/149 .WITH RADIANT ENERGY SENSITIVE CONTROL MEANS  
315/158 ..Radiant energy controlled regulation of the current supply

for the load device

- 4 362/265 (1 OR, 3 XR)
  - Class 362 ILLUMINATION
  - 362/257 .LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER
  - 362/263 ..Ionized gas or vapor light source
  - 362/265 ...Including circuit arrangement
- 4 362/467 (2 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/464 ..Condition responsive (e.g., position)
  - 362/465 ...Automatically adjusted headlamp beam
  - 362/467 ....Electromagnetically, electrodynamically, or electronically actuated
- 4 315/307 (2 OR, 2 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/291 .CURRENT AND/OR VOLTAGE REGULATION
  - 315/307 ..Automatic regulation
- 4 340/458 (2 OR, 2 XR)
  - Class 340 COMMUNICATIONS: ELECTRICAL
  - 340/425.5 .LAND VEHICLE ALARMS OR INDICATORS
  - 340/438 ..Internal alarm or indicator responsive to a condition of the vehicle
  - 340/458 ...Lamp or lamp circuit condition
- 4 315/156 (0 OR, 4 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/149 .WITH RADIANT ENERGY SENSITIVE CONTROL MEANS
  - 315/156 ..Radiant energy control of an electric discharge device in the supply circuit of the load device
- 4 315/224 (0 OR, 4 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/209R .PERIODIC SWITCH IN THE SUPPLY CIRCUIT
  - 315/224 ..Impedance or current regulator in the supply circuit
- 3 315/76 (1 OR, 2 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/76 .SPECIAL APPLICATION
- 3 362/473 (2 OR, 1 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/473 ..Bicycle or motorcycle
- 3 340/432 (0 OR, 3 XR)
  - Class 340 COMMUNICATIONS: ELECTRICAL
  - 340/425.5 .LAND VEHICLE ALARMS OR INDICATORS
  - 340/432 ..For bicycle
- 3 340/469 (0 OR, 3 XR)
  - Class 340 COMMUNICATIONS: ELECTRICAL
  - 340/425.5 .LAND VEHICLE ALARMS OR INDICATORS
  - 340/468 ..External signal light system
  - 340/469 ...With two or more intensity levels (e.g., day or night)
- 3 362/188 (1 OR, 2 XR)
  - Class 362 ILLUMINATION

CLSTITLES1.txt

- 362/157 .SELF POWERED LAMP
- 362/187 ..With movable focusing element
- 362/188 ...Movable lamp bulb or lamp bulb support
- 3 362/476 (1 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/473 ..Bicycle or motorcycle
  - 362/475 ...Headlight
  - 362/476 ....Headlight support
- 3 362/269 (0 OR, 3 XR)
  - Class 362 ILLUMINATION
  - 362/257 .LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER
  - 362/269 ..Tiltable or rotatable as a unit
- 3 315/291 (1 OR, 2 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/291 .CURRENT AND/OR VOLTAGE REGULATION
- 3 315/159 (0 OR, 3 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/149 .WITH RADIANT ENERGY SENSITIVE CONTROL MEANS
  - 315/159 ..Electric switch controlled by the radiant energy responsive device
- 3 362/466 (3 OR, 0 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/464 ..Condition responsive (e.g., position)
  - 362/465 ...Automatically adjusted headlamp beam
  - 362/466 ....Computer controlled
- 3 362/428 (0 OR, 3 XR)
  - Class 362 ILLUMINATION
  - 362/382 .SUPPORTS
  - 362/418 ..Adjustable light support
  - 362/427 ...Pivoted lamp or lamp support
  - 362/428 ....With operating means to move lamp or lamp support
- 3 307/10.1 (0 OR, 3 XR)
  - Class 307 ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
  - 307/9.1 .VEHICLE MOUNTED SYSTEMS
  - 307/10.1 ..Automobile
- 3 340/602 (0 OR, 3 XR)
  - Class 340 COMMUNICATIONS: ELECTRICAL
  - 340/500 .CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 ..Specific condition
  - 340/601 ...Meteorological condition
  - 340/602 ....Moisture or humidity (e.g., rain)
- 2 362/464 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/464 ..Condition responsive (e.g., position)
- 2 315/200A (0 OR, 2 XR)
  - Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
  - 315/200R .DISCHARGE DEVICE AND/OR RECTIFIER IN THE SUPPLY CIRCUIT

315/200A ..Flashers

2 340/326 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/286.01 .SYSTEMS  
 340/326 ..Plural (e.g., concurrent auxiliary) single indications  
 (e.g., light flashes when bell rings)

2 340/331 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/286.01 .SYSTEMS  
 340/331 ..Periodic or flashing

2 340/332 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/286.01 .SYSTEMS  
 340/332 ..Signal light systems

2 340/475 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/425.5 .LAND VEHICLE ALARMS OR INDICATORS  
 340/468 ..External signal light system  
 340/475 ...Turn signal

2 340/427 (0 OR, 2 XR)  
 Class 340 COMMUNICATIONS: ELECTRICAL  
 340/425.5 .LAND VEHICLE ALARMS OR INDICATORS  
 340/426.1 ..Of burglary or unauthorized use  
 340/427 ...Of motorcycles or bicycles

2 362/192 (1 OR, 1 XR)  
 Class 362 ILLUMINATION  
 362/157 .SELF POWERED LAMP  
 362/192 ..Generator power source

2 362/197 (0 OR, 2 XR)  
 Class 362 ILLUMINATION  
 362/157 .SELF POWERED LAMP  
 362/197 ..Lamp bulb or lamp support axis adjustable or angularly  
 fixed relative to axis of flashlight casing

2 362/475 (1 OR, 1 XR)  
 Class 362 ILLUMINATION  
 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
 FOR VEHICLE)  
 362/473 ..Bicycle or motorcycle  
 362/475 ...Headlight

2 362/519 (1 OR, 1 XR)  
 Class 362 ILLUMINATION  
 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
 FOR VEHICLE)  
 362/509 ..Light modifier  
 362/516 ...Reflector structure  
 362/519 ....With bulb mounting means

2 224/442 (1 OR, 1 XR)  
 Class 224 PACKAGE AND ARTICLE CARRIERS  
 224/400 .VEHICLE ATTACHED  
 224/412 ..Carrier attached cycle  
 224/441 ...Bracket  
 224/442 ....Two or more separate carriers used together

CLSTITLES1.txt

- 2 224/448 (0 OR, 2 XR)
  - Class 224 PACKAGE AND ARTICLE CARRIERS
  - 224/400 .VEHICLE ATTACHED
  - 224/412 ..Carrier attached cycle
  - 224/441 ...Bracket
  - 224/447 ....With particular connection to cycle
  - 224/448 .....Clamp
- 2 224/459 (0 OR, 2 XR)
  - Class 224 PACKAGE AND ARTICLE CARRIERS
  - 224/400 .VEHICLE ATTACHED
  - 224/412 ..Carrier attached cycle
  - 224/441 ...Bracket
  - 224/451 ....With particular means for supporting article
  - 224/459 .....Means for retaining article to bracket
- 2 362/184 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/157 .SELF POWERED LAMP
  - 362/184 ..Having plural lamp bulbs or lamp sockets
- 2 280/288.4 (1 OR, 1 XR)
  - Class 280 LAND VEHICLES
  - 280/29 .WHEELED
  - 280/200 ..Occupant propelled type
  - 280/288.4 ...Attachments and accessories
- 2 362/539 (2 OR, 0 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/538 ..Projection-type headlamp
  - 362/539 ...Including mask or screen
- 2 362/544 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/543 ..Plural light sources
  - 362/544 ...With common housing
- 2 362/183 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/157 .SELF POWERED LAMP
  - 362/183 ..Rechargeable electrical source of with external connections
- 2 362/486 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)
  - 362/486 ..Portable
- 2 362/382 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/382 .SUPPORTS
- 2 362/430 (0 OR, 2 XR)
  - Class 362 ILLUMINATION
  - 362/382 .SUPPORTS
  - 362/418 ..Adjustable light support
  - 362/430 ...With mounting means

## CLSTITLES1.txt

- 2 74/551.8 (2 OR, 0 XR)  
     Class 74 MACHINE ELEMENT OR MECHANISM  
     74/469 .CONTROL LEVER AND LINKAGE SYSTEMS  
     74/519\*\*1 ..Elements  
     74/543 ...Handles  
     74/551.1 ....Handle bars  
     74/551.8 .....Attachments and accessories
- 2 248/230.4 (2 OR, 0 XR)  
     Class 248 SUPPORTS  
     248/200 .BRACKETS  
     248/205.1 ..Specially mounted or attached  
     248/226.11 ...Bracket clamped to mount (i.e., single clamp)  
     248/230.1 ....Cylindrical mount  
     248/230.4 .....By pivoted jaw
- 2 362/538 (1 OR, 1 XR)  
     Class 362 ILLUMINATION  
     362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
 FOR VEHICLE)  
     362/538 ..Projection-type headlamp
- 2 362/524 (0 OR, 2 XR)  
     Class 362 ILLUMINATION  
     362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
 FOR VEHICLE)  
     362/523 ..Adjustable lamp or lamp support  
     362/524 ...Gear driven
- 2 362/513 (0 OR, 2 XR)  
     Class 362 ILLUMINATION  
     362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED  
 FOR VEHICLE)  
     362/509 ..Light modifier  
     362/512 ...Adjustable or positionable  
     362/513 ....Electric or fluid-pressure actuated
- 2 362/293 (0 OR, 2 XR)  
     Class 362 ILLUMINATION  
     362/257 .LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER  
     362/293 ..Including selected wavelength modifier (e.g., filter)
- 2 361/18 (2 OR, 0 XR)  
     Class 361 ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES  
     361/1 .SAFETY AND PROTECTION OF SYSTEMS AND DEVICES  
     361/18 ..Voltage regulator protective circuits
- 2 323/282 (0 OR, 2 XR)  
     Class 323 ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS  
     323/234 .OUTPUT LEVEL RESPONSIVE  
     323/265 ..Using a three or more terminal semiconductive device as  
 the final control device  
     323/282 ...Switched (e.g., switching regulators)
- 2 340/643 (0 OR, 2 XR)  
     Class 340 COMMUNICATIONS: ELECTRICAL  
     340/500 .CONDITION RESPONSIVE INDICATING SYSTEM  
     340/540 ..Specific condition  
     340/635 ...Condition of electrical apparatus  
     340/641 ....Signalling light element  
     340/643 .....Thermal or magnetic current sensors
- 2 315/79 (0 OR, 2 XR)



CLSTITLES1.txt

Class 315	ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
315/76	.SPECIAL APPLICATION
315/77	..Vehicle
315/79	...Vehicle or engine speed controlled

2 340/425.5 (2 OR, 0 XR)

Class 340	COMMUNICATIONS: ELECTRICAL
340/425.5	.LAND VEHICLE ALARMS OR INDICATORS

2 340/457.2 (1 OR, 1 XR)

Class 340	COMMUNICATIONS: ELECTRICAL
340/425.5	.LAND VEHICLE ALARMS OR INDICATORS
340/438	..Internal alarm or indicator responsive to a condition of

the vehicle

340/457	...Reminder
340/457.2	....Of headlight energization

2 340/391.1 (1 OR, 1 XR)

Class 340	COMMUNICATIONS: ELECTRICAL
340/384.1	.AUDIBLE INDICATION
340/388.1	..Diaphragm (e.g., horn or buzzer)
340/391.1	...Housing or mounting

2 315/155 (0 OR, 2 XR)

Class 315	ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
315/149	.WITH RADIANT ENERGY SENSITIVE CONTROL MEANS
315/155	..Plural radiant energy responsive devices

2 200/4 (1 OR, 1 XR)

Class 200	ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
200/1R	.MULTIPLE CIRCUIT CONTROL
200/4	..Combined pivoted and reciprocating contact

2 362/286 (1 OR, 1 XR)

Class 362	ILLUMINATION
362/257	.LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER
362/285	..Adjustable or repositionable light source or light source

support

362/286	...Electromagnetic actuator
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2 315/154 (0 OR, 2 XR)

Class 315	ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS
315/149	.WITH RADIANT ENERGY SENSITIVE CONTROL MEANS
315/152	..Plural load devices
315/153	...Selective energization of the load devices
315/154	....Selective electric switch controlled by the radiant

energy responsive device

2 340/825.69 (1 OR, 1 XR)

Class 340	COMMUNICATIONS: ELECTRICAL
340/825	.SELECTIVE
340/825.57	..Pulse responsive actuation
340/825.62	...Serial
340/825.69	....Radio link

2 398/112 (0 OR, 2 XR)

Class 398	OPTICAL COMMUNICATIONS
398/106	.REMOTE CONTROL
398/112	..Plural

2 398/114 (0 OR, 2 XR)

Class 398	OPTICAL COMMUNICATIONS
398/106	.REMOTE CONTROL

398/114 ..Rotating part

2 315/80 (0 OR, 2 XR)

Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS

315/76 .SPECIAL APPLICATION

315/77 ..Vehicle

315/80 ...Load device controller combined with vehicle controller

2 257/E27.015 (0 OR, 2 XR)

Class 257 ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES)

257/E27.001 .DEVICE CONSISTING OF A PLURALITY OF SEMICONDUCTOR OR OTHER SOLID STATE COMPONENTS FORMED IN OR ON A COMMON SUBSTRATE, E.G., INTEGRATED CIRCUIT DEVICE (EPO)

257/E27.009 ..Including semiconductor component with at least one potential barrier or surface barrier adapted for rectifying, oscillating, amplifying, or switching, or Including integrated passive circuit elements (EPO)

257/E27.01 ...With semiconductor substrate only (EPO)

257/E27.011 ....Including a plurality of components in a non-repetitive configuration (EPO)

257/E27.013 .....Integrated circuit having a two-dimensional layout of components without a common active region (EPO)

257/E27.014 .....Including a field-effect type component (EPO)

257/E27.015 .....In combination with bipolar transistor (EPO)

2 362/465 (0 OR, 2 XR)

Class 362 ILLUMINATION

362/459 .SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)

362/464 ..Condition responsive (e.g., position)

362/465 ...Automatically adjusted headlamp beam

2 315/219 (1 OR, 1 XR)

Class 315 ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS

315/209R .PERIODIC SWITCH IN THE SUPPLY CIRCUIT

315/219 ..Periodic switch in the primary circuit of the supply transformer

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